

**Group: 23P46** 

Mexico 2017

Earthquake

## **X** ploring Twitter Event Signatures

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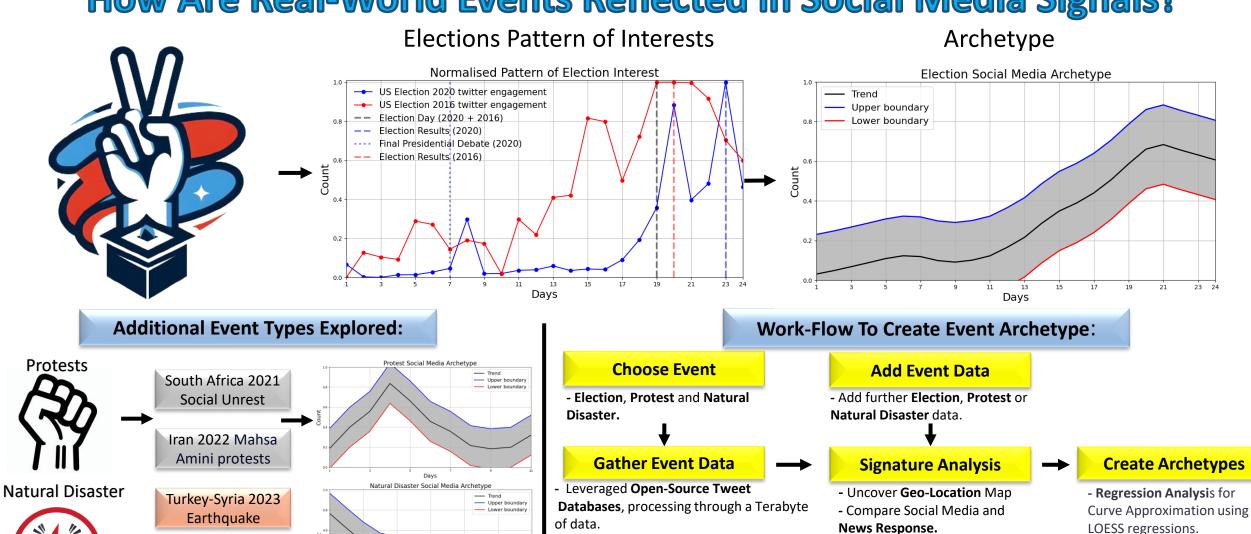
- Similarity Metrics for Event

Patterns: Cosine Similarity,

Euclidean Distance, and

Correlation Coefficient.

## How Are Real-World Events Reflected in Social Media Signals?



Utilised GDELT through Google BigQuery

to extract event-specific news articles.

- Through the Mastodon API, trend

validation was explored.

- Validate trend with Google

Trends and Mastodon API

- Seasonal Analysis and

Decomposition